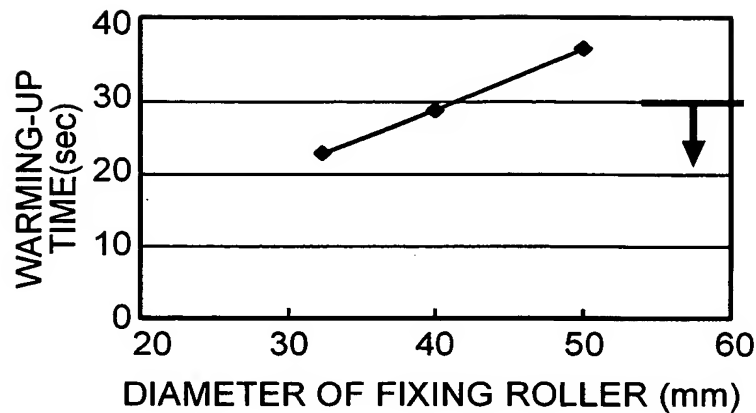


**FIG.2**

A line graph with 'FIXING VELOCITY (mm/sec)' on the x-axis and 'NECESSARY NIP WIDTH (mm)' on the y-axis. The x-axis ranges from 0 to 300 with major ticks every 100 units. The y-axis ranges from 0 to 12 with major ticks every 2 units. Four data points are plotted, showing a positive linear trend. The points are connected by a solid line.

FIXING VELOCITY (mm/sec)	NECESSARY NIP WIDTH (mm)
100	4.4
150	6.7
200	8.9
250	11.1

**FIG.3**



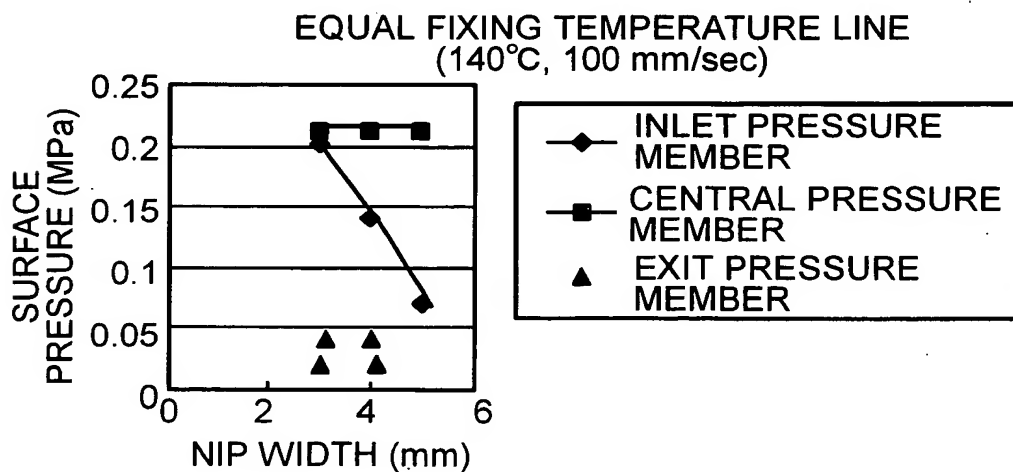
**FIG.4**

ITEM	PAPER PREHEATING	TONER MELTING	TONER-PAPER FIXING	PAPER RELEASING
NIP WIDTH	⊙	⊙	○	△
SURFACE PRESSURE	×	△	⊙	⊙
PRESSURE LOADING	△	○	⊙	○

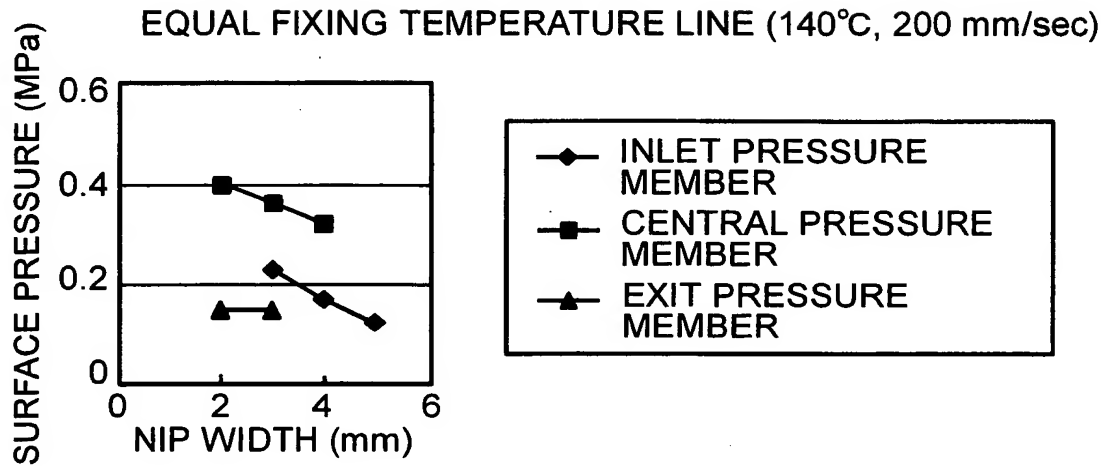
ASSUMPTION ON CONTRIBUTION OF FUNCTIONS OF RESPECTIVE PRESSURE MEMBERS WHEN TESTING OF FIXING

EXAMPLE OF FIXING VELOCITY 100 mm/sec	1 <sup>ST</sup> PRESSURE MEMBER (140N)	2 <sup>ND</sup> PRESSURE MEMBER (140N)	
EXAMPLE OF FIXING VELOCITY 200 mm/sec	1 <sup>ST</sup> PRESSURE MEMBER (140N)	2 <sup>ND</sup> PRESSURE MEMBER (180N)	3 <sup>RD</sup> PRESSURE MEMBER (100N)

**FIG.5**



**FIG.6**



**FIG.7**

CONDITION OF PAPER RELEASE			CONDITION: ADHERE AMOUNT OF TONER: 1.0mg/cm <sup>2</sup> RELEASE CONDITION OF PAPER						
PRESSURE OF EXIT PRESSURE MEMBER	NORMAL PAPER 80g/m <sup>2</sup>	THIN PAPER 60g/m <sup>2</sup>							
0.05(Mpa)	×	×	<table><tr><td>○</td><td>NO PROBLEM</td></tr><tr><td>△</td><td>TIP BEND</td></tr><tr><td>×</td><td>JAM</td></tr></table>	○	NO PROBLEM	△	TIP BEND	×	JAM
○	NO PROBLEM								
△	TIP BEND								
×	JAM								
0.1(Mpa)	○	×							
0.15(Mpa)	○	△							
0.2(Mpa)	○	○							

**FIG.8**

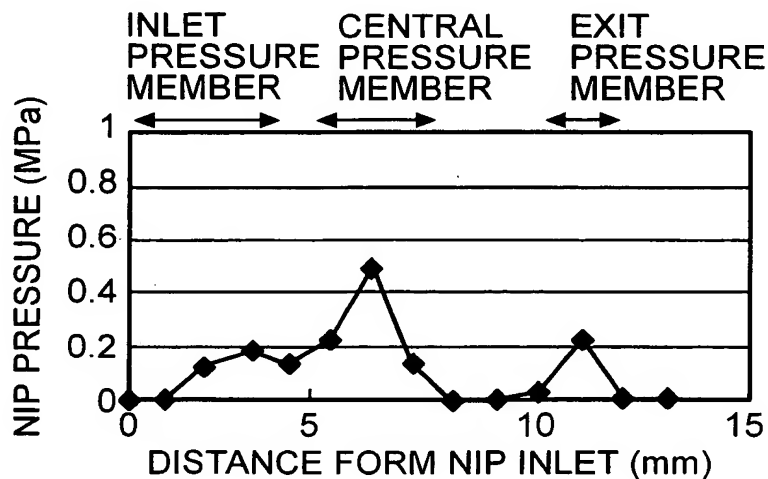


FIG.9

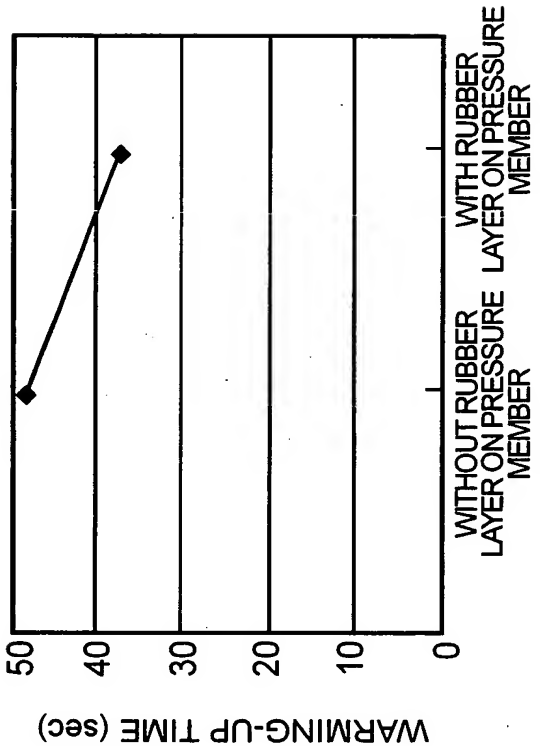
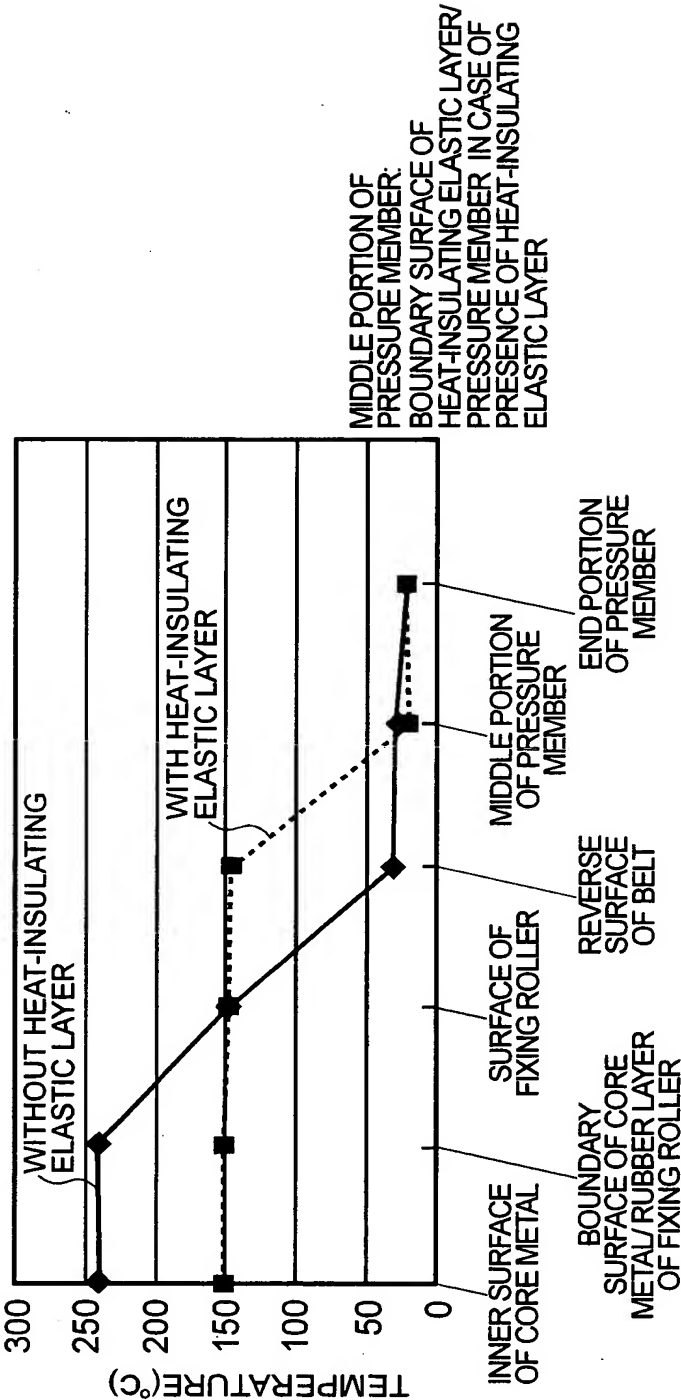
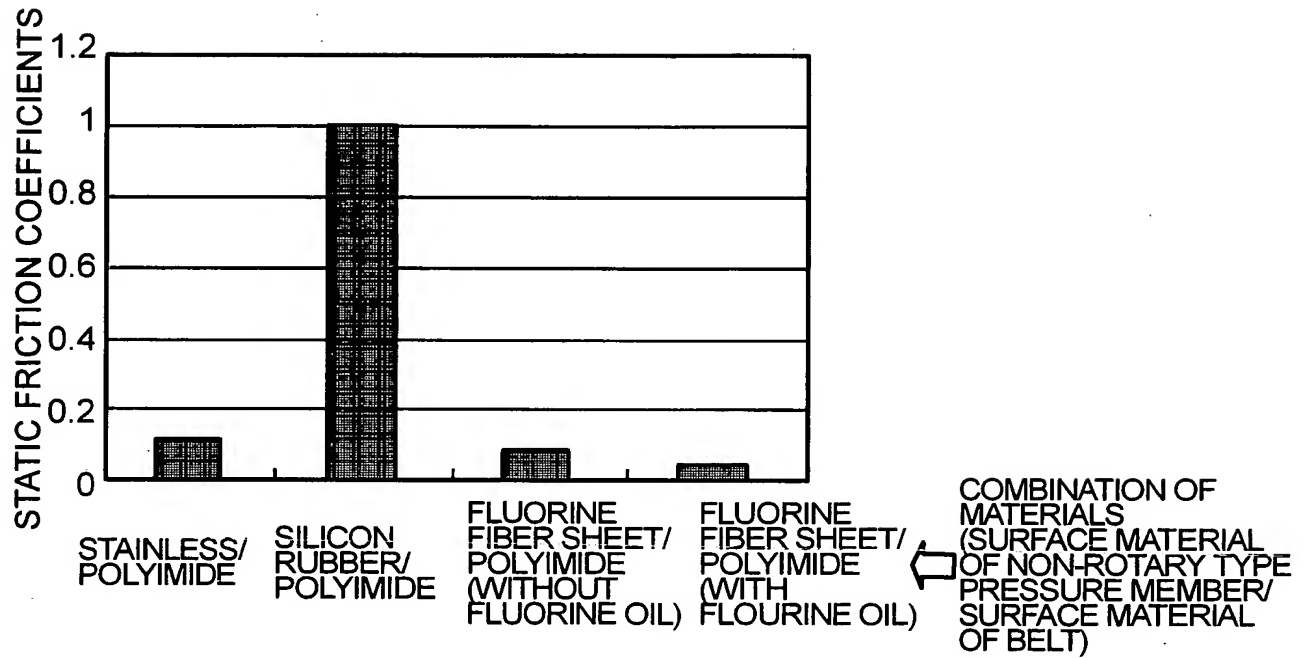
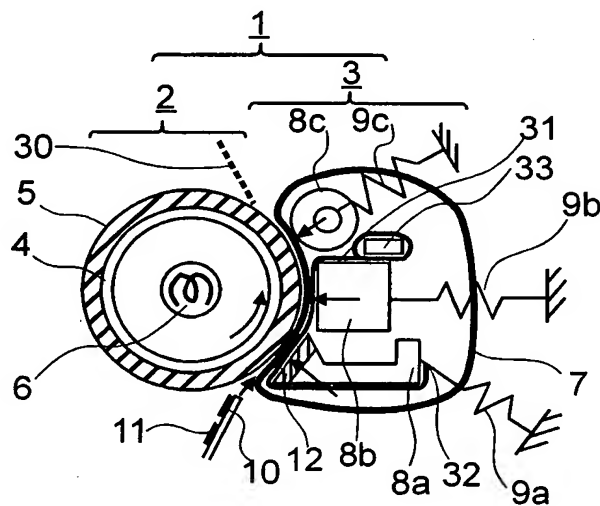


FIG.10

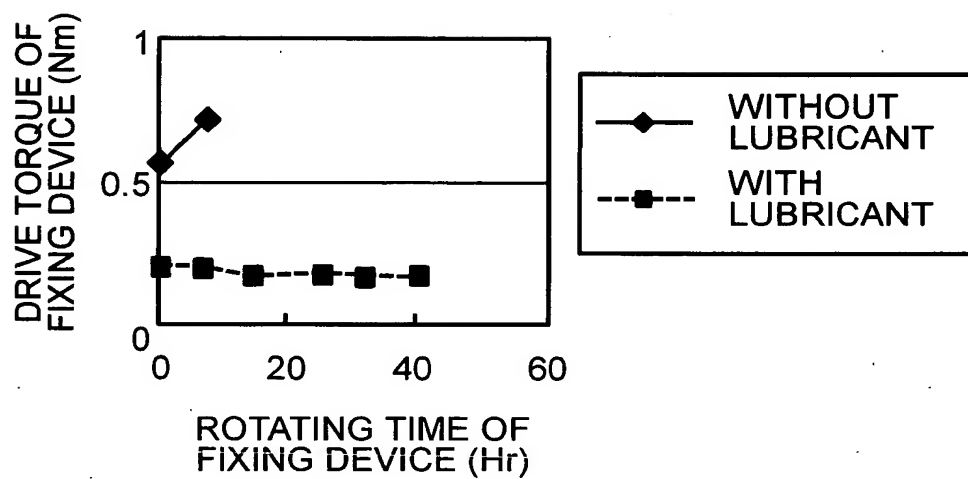
**FIG.11**



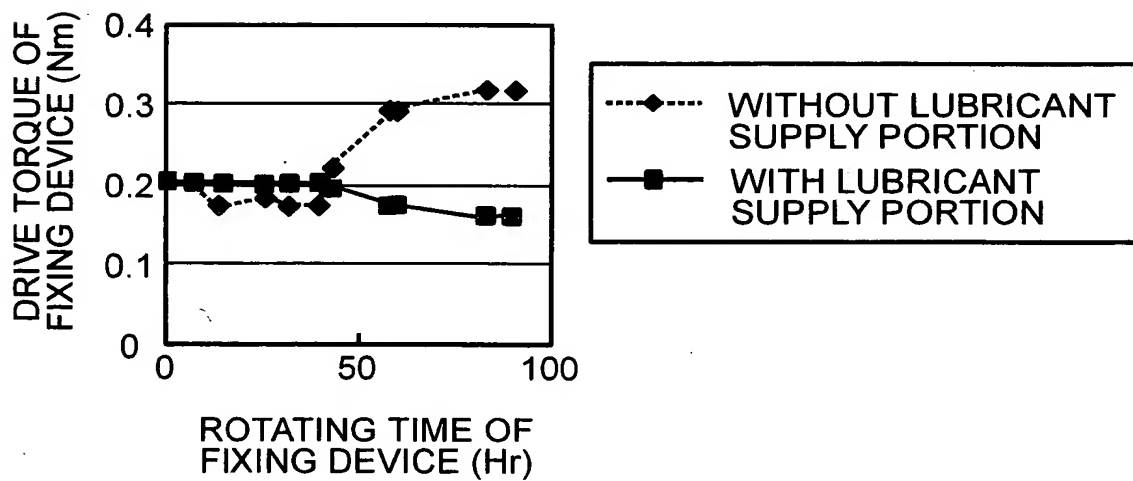
**FIG.12**



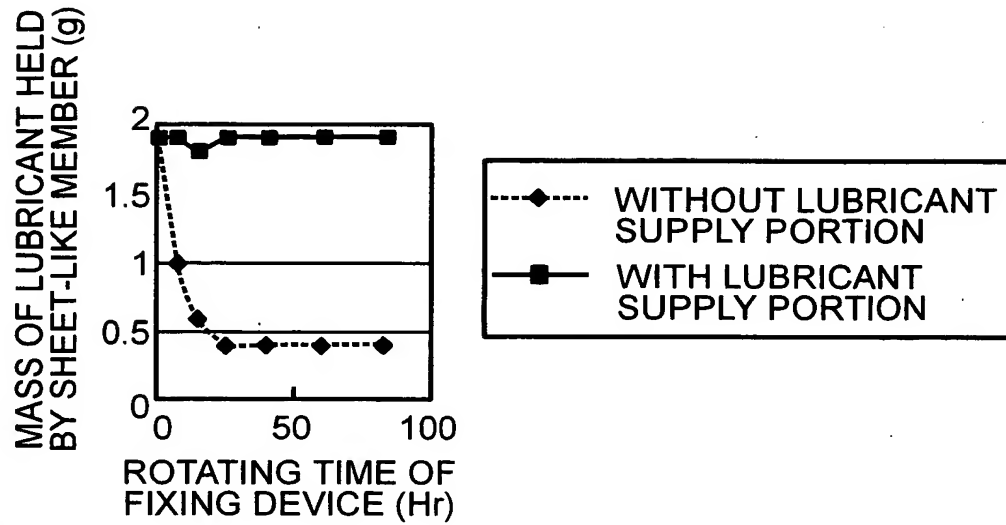
**FIG.13**



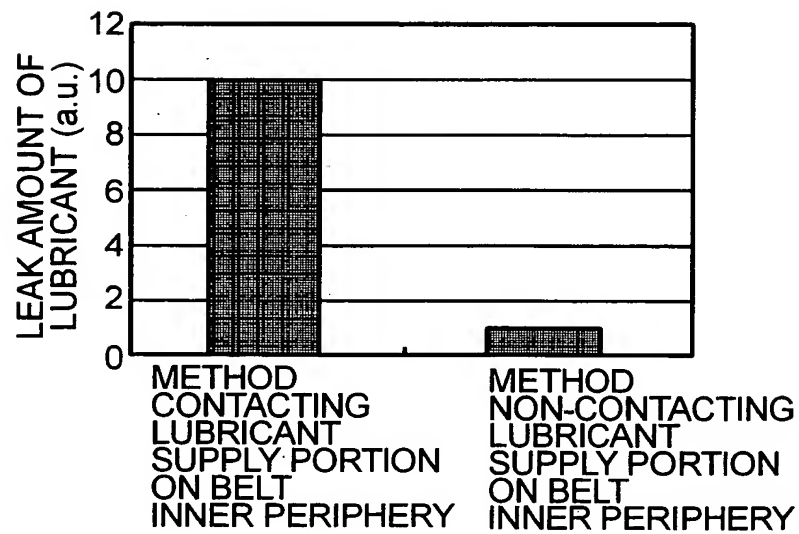
**FIG.14**



**FIG.15**



**FIG.16**



**FIG.17**

